

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (9th JAN' 2013)	800 MW	791 MW	-1.19%
Maximum Energy (9th JAN 2013)	15.9 MW	15.4 GWh	-3.14%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

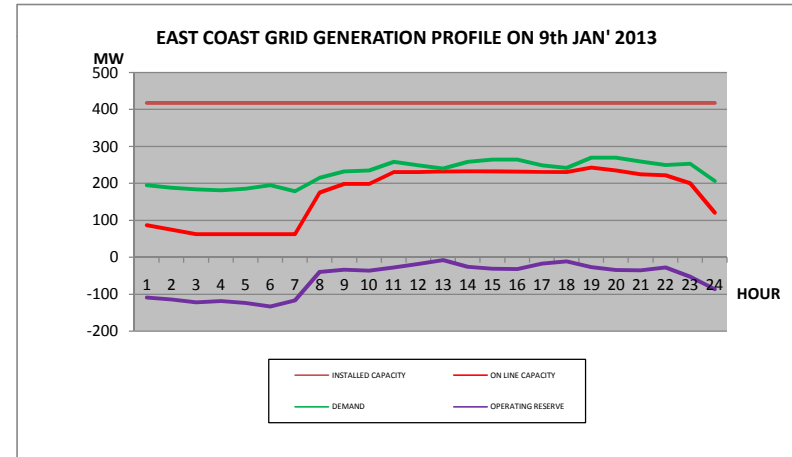
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

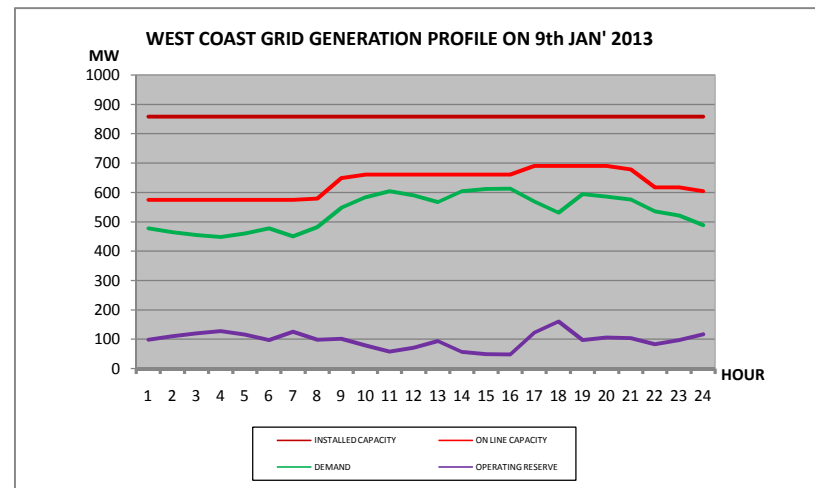
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		86	74	62	62	62	62	62	175	198.7	198.7	230.7	230.7	232.7	232.7	232.7	232.7	230.7	230.7	242.7	234.7	224.2	222	200	120
DEMAND		195.16	188.47	183.68	180.95	185.81	195.26	178.54	214.85	232.53	235.12	258.26	249.3	240.62	258.84	264.15	264.58	248.47	241.66	269.49	269.73	259.45	250.11	253.16	206.35
OPERATING RESERVE		-109.16	-114.47	-121.68	-118.95	-123.81	-133.26	-116.54	-39.85	-33.83	-36.42	-27.56	-18.6	-7.92	-26.14	-31.45	-31.88	-17.77	-10.96	-26.79	-35.03	-35.25	-28.11	-53.16	-86.35
East Cost		10739.9	9305.78	7897.91	7993.1	7993.33	7780.32	7893.35	18279.7	22392.1	22532	25506.6	25854.2	27113.7	28163.5	28285.5	28102	25916.7	25618.4	27899.4	26721.4	25044.1	24104.5	22593.1	13877

EAST COAST GRID OPERATION



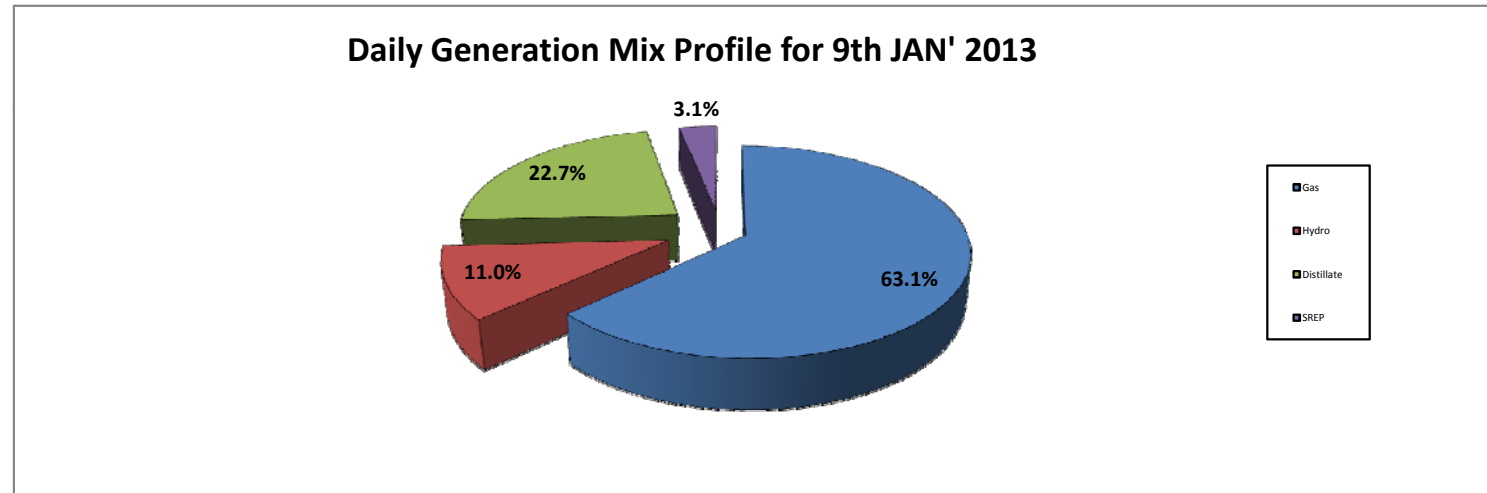
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		574.5	574.5	574.5	574.5	574.5	574.5	574.5	579	648.5	660.6	660.6	660.6	660.6	660.6	660.6	660.6	690.6	690.6	690.6	690.6	678.5	617.5	617.5	604.5
DEMAND		477.2	464.2	454.6	447.5	459.1	477.4	449.4	480.9	547	582.7	603.5	589.7	567.1	603.9	611.4	612.8	568.5	530.8	594	585.4	575.5	535.2	521.1	488.2
OPERATING RESERVE		97.3	110.3	119.9	127	115.4	97.1	125.1	98.1	101.5	77.9	57.1	70.9	93.5	56.7	49.2	47.8	122.1	159.8	96.6	105.2	103	82.3	96.4	116.3
West Cost		34279.1	33230.4	32538.4	32127.6	33019.3	34083.9	32065.6	34590.4	42008.6	45137.5	46807.5	45647	45033	46952.4	47736.4	47815.4	45984.2	43229.4	47093.2	46898.1	45586.5	39849.8	38793.1	35447.2

WEST COAST GRID OPERATION



Generation Mix Profile for 9th January 2013

Gas	10,068 MWh
Hydro	1,761 MWh
Distillate	3,613 MWh
SREP	502 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,830.60 MWh	1,801.80 MWh	1,632.00 MWh	- MWh
IPP	1,782.30 MWh	8,266.40 MWh	129.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	502.00 MWh
TOTAL	3,612.90 MWh	10,068.20 MWh	1,761.00 MWh	502.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	11%	10%	0%
IPP	11%	52%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,944.10			

DIST (IPP)	11%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	11%
GAS (IPP)	52%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

